



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SWA3-3-OH
Job Sheet 177599



Part No: SWA3-3-OH

Job Qty: 1 ea

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/15/18

Job Tracking No: RA321

Due Date: 5/29/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: SN: M578-010

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New issue DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea		5/29/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs		5/29/18	0.00	1.00	Small Fab-9		
120	QC	1 pcs		5/29/18	0.00	0.00	QC5		A.P. SB
130	Customer Acceptance	1 pcs		5/29/18	0.00	0.00	QC6		
140	Outsource	1 pcs		5/29/18			SKY002-VC JUN 18 2018		
150	Packaging	1 pcs		5/29/18	0.00	0.00	Packaging2		P/O 04015 18.06.20
160	QC	1 pcs		5/29/18	0.00	0.00	QC6		
170	Small Fab	1 pcs		5/29/18	0.00	1.00	Small Fab-9		APDAS
180	QC	1 pcs		5/29/18	0.00	0.00	QC5		SB1
185	DC	1 pcs		5/29/18	0.00	0.00	DC		9-89 AUG 03 2018
190	Packaging	1 pcs		5/29/18	0.00	0.00	Packaging3-2		SB
200	QC21-FG	1 Ea		5/29/18	0.00	0.00	QC21		DAS 21 9-89

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels



Container No: S071796



Part: SWA3-3

Job No: 177599

Serial No/Batch: S071796

Revision: 3

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/16/18

4953

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	170-Small Fab	5027241
330	Rotary Connector	1 pcs (1 ea)	170-Small Fab	
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	170-Small Fab	5083914
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL314-SJTOW	3 Wire	6 ft (6 ea)	170-Small Fab	5047767
SWA3-100	Upper End - Swa3 Swivel	1 Ea (1 ea)	170-Small Fab	
SWA3-200	Lower End	1 Ea (1 ea)	170-Small Fab	
* SWA3-300	Wire Clamp	2 Ea (2 ea)	170-Small Fab	5076392
SWA3-400	Button Head Screw	2 Ea (2 ea)	170-Small Fab	5094348
SWA3-500B	Contact Spacer	1 Ea (1 ea)	170-Small Fab	
SWA3-600	O-Ring	1 Ea (1 ea)	170-Small Fab	5089285
SWA3-700	Ball Bearing	32 Ea (32 ea)	170-Small Fab	5068311
SWA6A-1900	Female Spade Terminal - 1/4"	6 Ea (6 ea)	170-Small Fab	5047603

GREASE AEROSHELL 20.7 (M138724) LOCTITE 242 (M138762) SILICONE GE. (M138 883)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	SWA3-3	1	0	0
170-Small Fab	188-FPSS-832-1/4	1	83	0
	330	1	0	0
	92210A303	4	60	0
	EL-PLUG-F	1	32	0
	EL-PLUG-M	1	55	0
	EL314-SJTOW	6	988	0
	SWA3-100	1	0	0
	SWA3-200	1	0	0
	SWA3-300	2	10	0
	SWA3-400	2	12	0
	SWA3-500B	1	0	0
	SWA3-600	1	0	0
	SWA3-700	32	648	0
	SWA6A-1900	6	242	0

Part Specifications

Specifications could not be found.

Plex 5/15/18 9:48 AM Dart.Gagnon.Michelle

Inspection Sheet Complete RA321

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
SWA3-3	M578-01	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S070434	OVERHAUL
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040157**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040157
PO Date: 6/11/18
Due Date: 6/18/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
2	176989	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
3	176990	SWA10A-2-OH	Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	173582			Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
4	176991	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
5	177599	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	177600			Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
6	ROH178662	SWA6A-6-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/18/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Grand Total:										\$1,424.00

Order Notes

**skyservice****Work Order Traveler**

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO36387	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040157
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:**CARRY OUT NDT ON :**

- 1 C-SERIES REMOTE HOOK P/N : C60-OH , J/S : 176842 ✓
- 1 C-SERIES REMOTE HOOK P/N : C10-OH J/S : 176989 ✓
- 1 ELECTRIC SWIVEL P/N : SWA10A-2-OH J/S : 176990 ✓
- 1 C-SERIES REMOTE HOOK P/N : C10-OH J/S : 176991 ✓
- 1 ELECTRIC SWIVEL P/N : SWA3-3-OH J/S : 177599 ✓
- 1 ELECTRIC SWIVEL P/N : SWA3-3-OH J/S : 177600 ✓
- 1 ELECTRIC SWIVEL P/N : SWA10A-2-OH J/S : 178582 ✓
- 1 ELECTRIC SWIVEL P/N : SWA6A-6-OH J/S : ROH178662 ✓

Action Taken:	Date:	Initial/Stamp:
LIQUID PENETRANT & MAGNETIC PARTICLES INSPECTION CARRIED OUT AS PER ASTM E-1444M-16 & E-1417M-16		
NO CRACK FOUND		
MAGBENCH S/N 208123 CAL DUE: 7-JULY-2018 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO13923 BLACK LIGHT - M20186 PEN ZL-37, MPO13139, CLEANER SKC-S MPO15030 , DEV. MPO15030 , EMU.(ZR-10B,MPO15896) BLACK LIGHT - M20186	JUN 15 2018	 

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp	Date:
Name: LUCA MARCHETTA		JUN 15 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040157**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040157
PO Date: 6/11/18
Due Date: 6/18/18
Purchase Order Revision:
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clavoie@dartaero.com

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Special Comments:

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Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

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Action Taken:	Date:	Initial/Stamp:
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I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp	Date:
 Name: LUCA MARCHETTA		JUN 15 2018

Work Order 177599

Customer _____

Number of Wires 3Date July 26 2018Serial Number M578-10

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Luc Larivière
TechnicianSignature: _____
QC 5 Small FAB / QA

Submit

PURCHASE ORDER

PO No: 20180126

Hydro One Networks Inc.
Lake Simcoe Regional Airport
224 Line 7 N. R.R.#2

Priority: Rush

Date: 2018/05/10

Oro Medonte, Ontario, Canada, L0L 2E0

Phone: (705) 487-1771 Fax: (705) 487-6261

Attn: Vendor: DART AEROSPACE LTD 1270 ABERDEEN STREET Hawkesbury Ontario K6A 1K7 Phone: 1 613 632 3336		Ship To: HYDRO ONE Attn: LAKE SIMCOE REGIONAL AIRP 224 LINE 7 N. ORO-MEDONTE State: ON Country: CANADA	
Salesman: Fax: 1 613 632 4443		Post Code: L0L 2E0	

Item	Part #	WO#	Qty	Unit	Cond.	Control Code	Cost	Total
1	SWA3-3		1		NEW	CONS	0.00	0.00

Description: SWIVEL
Serial #: M578-01
Comments: LL ASSY #4

OVERHAUL REQUIRED AS PER MANUFACTURES SPECIFICATIONS

Terms and conditions of this order

All items listed on this purchase order must meet applicable Airworthiness standards.
 FORM ONE REQUIRED OR 8130-1
 ELECTRONIC EQUIPMENT:
 RETURN WITH CONFIGURATION SETTINGS AS RECEIVED

Ship Via:	Page 1 Sub Total:	0.00
Terms:	Tax (0.00%) Sub Total:	0.00
Ordered By: MICHELLE	P/O Total Freight Charge:	0.00
Approved By: KEN SANFORD <i>Ken Sanford</i>	Purchase Order Total:	0.00

968-9435:0
rev. 00-01

HYDRO ONE NETWORK SERVICES INC.
HELICOPTER SERVICES
 224 Line 7 N, RR2, Oro Medonte, Ontario L0L 2E0
 704-487-1771

packing list for material shipped

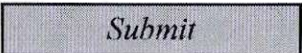
[illegible]

Work Order 177599

Customer _____

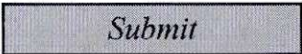
Number of Wires 3Date 6 July 2018Serial Number M578-01

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- PASS
1	3,000	Check all wires for grounding against swivel body.	- PASS
1	1,500	Check for Conductivity against all wires.	- PASS
1	1,500	Check all wires for grounding against swivel body.	- PASS
1	750	Check for Conductivity against all wires.	- PASS
1	750	Check all wires for grounding against swivel body.	- PASS
1	0	Check for Conductivity against all wires.	- PASS
1	0	Check all wires for grounding against swivel body.	- PASS

Test Conducted By: Lue Larivière
TechnicianSignature: Sylvie Bouchard
QC & Small FAB / QASubmit

Work Order 177599Customer RA 321Number of Wires 3Date July 26 2018Serial Number M578-10

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass.
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Luc Larivière
TechnicianSignature: Sylvie Bouchard
QC 5 Small FAB / QASubmit